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| **Title:** | A Design of an IoT based Smart Home with Auto Sanitization System | | |
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| **Abstract:** |  |
| Internet of Things (IoT) is the connection between devices by the use of the internet. IoT conducts logical operations by which data is transmitted and processed in the cloud. Structural improvement and modernization are required. This paper focuses on advancing IoT technology by creating an automated sani-tization device that could have been used to protect health by sanitizing the home's inner surface. Smart homes with auto sanitization can be a blueprint for reducing the transmission rate of COVID-19. It can also be an example of a cost-effective and time-saving approach to have a clean, comfortable, and happy liv-ing life. Smart home with an auto sanitization system had proposed a fog disin-fection machine, NodeMCU, Arduino Uno, and various sensors to create the pro-totype. This device can be used on the internet via a mobile application from anywhere in the world. | |